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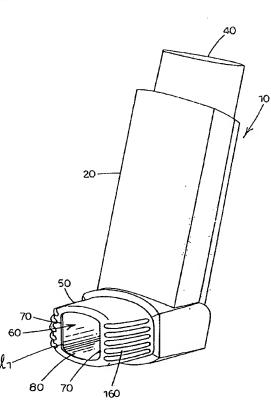
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(54) Title: DRUG DELIVERY SYSTEM WITH VENTED MOUTHPIECE



(57) Abstract: An oral inhaler suitable for delivering a pharmaceutical formulation to a patient comprises a container having the pharmaceutical formulation comprising at least one medicament present therein, and a mouthpiece configured for oral engagement with a patient and in communication with the container, the mouthpiece having an inner surface and an outer surface; wherein the outer surface of the mouthpiece contains at least one longitudinally-extending disuniformity such that when the patient orally engages the mouthpiece at least one void space is created between the outer surface of the mouthpiece and the oral cavity of the patient so as to provide an air flow channel through the at least one woid space to facilitate intake of the at least one medicament by the patient.